

Title (en)

Process and equipment for coating articles based on synthetic resins or similar products.

Title (de)

Verfahren und Vorrichtung zur Oberflächenbeschichtung von Gegenständen auf der Grundlage von synthetischen Harzen oder dergleichen.

Title (fr)

Procédé et installation pour réaliser un revêtement de surface sur des articles à base de résines synthétiques ou matériaux similaires.

Publication

EP 0543748 B1 19950104 (FR)

Application

EP 92420422 A 19921117

Priority

FR 9114526 A 19911119

Abstract (en)

[origin: EP0543748A1] Process and equipment enabling a surface coating to be produced on articles (1) of various shapes, of the type in which the articles to be treated are arranged on supports (2) in the form of swing trays attached to a conveyor (3) which is connected to earth, enabling them to be conveyed along successive treatment zones essentially comprising a surface-cleaning zone (4), an actual coating zone (5) essentially consisting of an apparatus for electrostatically spraying a coating substance by means of a nozzle (6) forming a paraboloidal cloud of particles, the articles (1) passing in such a way that they pass through the cloud of particles in the region of the base of the paraboloid which they define. It is characterised in that the articles (1) to be coated are based on synthetic resin or similar insulating material and are held individually and vertically on the swing trays (2) moving them into the various treatment zones, and this is performed by means of supports (8) which are good conductors of electricity, ensuring continuous contact with the surface of the article (1) to be coated. <IMAGE>

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